

Special Issue

Livestock and Poultry Genetics and Breeding Management

Message from the Guest Editor

☒ In light of issues like population expansion, disease outbreaks, and climate change, the rapidly evolving field of livestock and poultry genetics has become crucial to meeting the demands for sustainable food supply. A thorough grasp of the genetic and breeding mechanisms that improve the robustness, well-being, and output of animal populations is required to meet these difficulties. In order to choose exceptional animals and enhance characteristics like growth rates, illness resistance, and reproductive performance, effective breeding strategies incorporate genetic concepts.

The goal of this Special Issue is to investigate a wide range of subjects, such as the effects of epigenetic factors on animal health and welfare and genetic improvement through selection procedures. To enhance our knowledge of these vital areas, we encourage researchers from a wide range of disciplines, such as genetics, animal breeding, veterinary medicine, and biotechnology, to submit original research articles, reviews, and brief communications. We encourage articles that examine the ecological and economic repercussions of breeding methods and their implications for livestock and poultry management.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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